

AMENDMENT UNDER 37 C.F.R. § 1.111
U.S. Application No. 10/517,138

REMARKS

Reconsideration and allowance of the subject application are respectfully requested. By this Amendment, Applicant has canceled claim 2. Thus, claims 1 and 3-17 are now pending in the application. Applicant respectfully submits that the pending claims define patentable subject matter. By this Amendment, Applicant has amended claim 9 to improve clarity.

As a preliminary matter, Applicant thanks the Examiner for indicating that claims 9-17 are allowed and claims 4 and 5 would be allowable if rewritten in independent form. However, Applicant respectfully requests the Examiner to hold in abeyance the rewriting of claims 4 and 5 until the Examiner has had the opportunity to reconsider the rejected parent claims in light of the arguments presented below in support of the Applicant's traverse of the rejection.

I. Preliminary Matters

The Examiner states that he did not consider all of the references submitted with the Information Disclosure Statement filed December 7, 2004 because copies of some of the references were not provided. Applicant is obtaining copies of the unconsidered references and will resubmit copies of these references in the near future.

II. Prior Art Rejection

Claims 1-3 and 6-8 are rejected under 35 U.S.C. § 103(a) as being unpatentable over Tanaka et al. (U.S. Patent No. 5,898,252; hereafter "Tanaka") in view of Sakai et al. (U.S. Patent No. 4,988,055; hereafter "Sakai"). Applicant respectfully traverses the prior art rejection.

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By this Amendment, Applicant has amended independent claim 1 to incorporate the subject matter of dependent claim 2. Claim 1 now recites in part that “said coil field is constructed such that crossover points formed by said coil wire in radially-adjacent layers do not overlap in a radial direction.”

Applicant respectfully submits that neither Sakai nor Tanaka teaches or suggests that the coil field is constructed such that crossover points formed by the coil wire in radially-adjacent layers do not overlap in a radial direction, as required by amended claim 1. In support of the rejection of claim 2, the Examiner cites Figure 12 of Sakai for allegedly disclosing “the shift or overlap areas in Sakai occur at two different radial directions”. However, the Examiner’s statement in this regard completely mischaracterizes the claim limitations. Moreover, as shown in Figures 16, 21, 24 and 25, Sakai teaches the crossover points formed by the coil wire in radially-adjacent layers do indeed overlap in a radial direction. That is, the crossover points formed by Sakai’s coil wire in radially-adjacent layers occur at the same location in a circumferential direction. On the other hand, the present invention teaches that the crossover points of the radially-adjacent layers of the coil wire are distributed in a circumferential direction such that they do not overlap each other in the radial direction (see, e.g., pages 15-17 of the specification).

Similarly, Tanaka fails to teach or suggest this feature of the claimed invention which is missing from Sakai.

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Accordingly, Applicant respectfully submits that independent claim 1, as well as dependent claims 3 and 6-8, should be allowable because the cited references, alone or in combination, do not teach or suggest all of the features of the claims.

III. Conclusion

In view of the above, reconsideration and allowance of this application are now believed to be in order, and such actions are hereby solicited. If any points remain in issue which the Examiner feels may be best resolved through a personal or telephone interview, the Examiner is kindly requested to contact the undersigned at the telephone number listed below.

The USPTO is directed and authorized to charge all required fees, except for the Issue Fee and the Publication Fee, to Deposit Account No. 19-4880. Please also credit any overpayments to said Deposit Account.

Respectfully submitted,



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